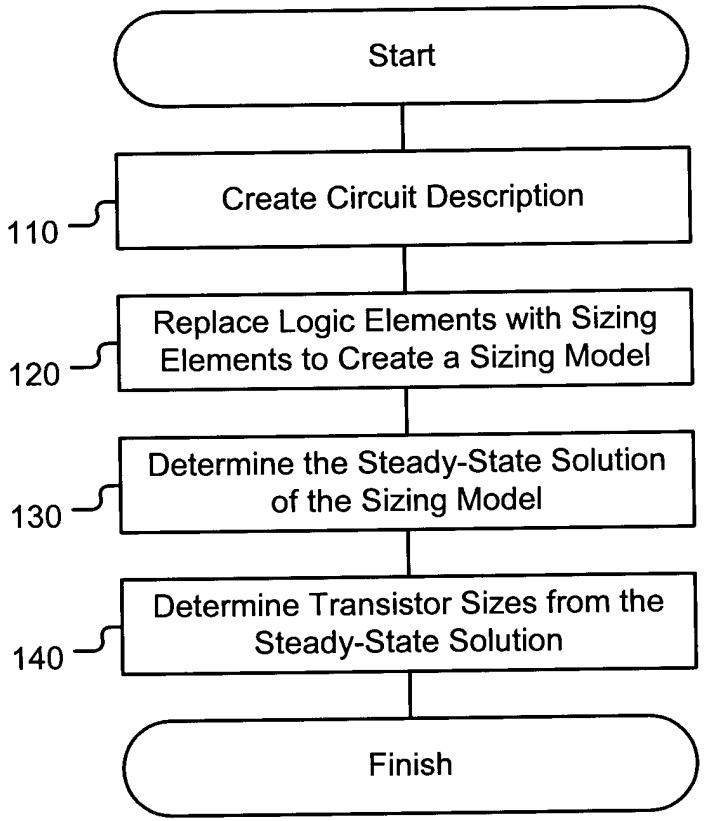

Start
Create Circuit Description
110
Replace Logic Elements with Sizing Elements to Create a Sizing Model
120
Determine the Steady-State Solution of the Sizing Model
130
Determine Transistor Sizes from the Steady-State Solution
140
Finish

Figure 1

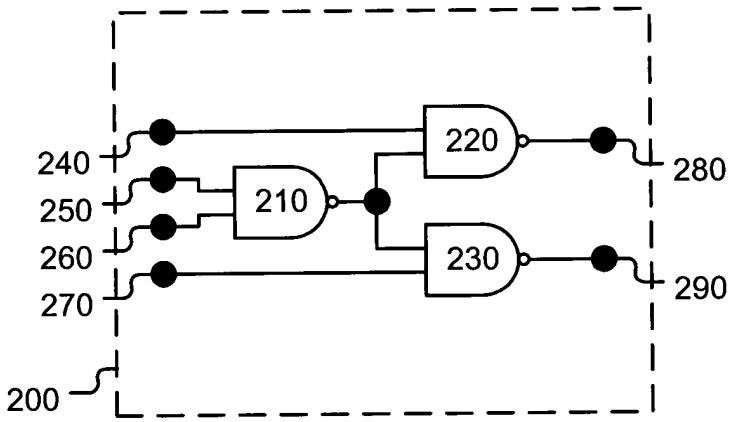
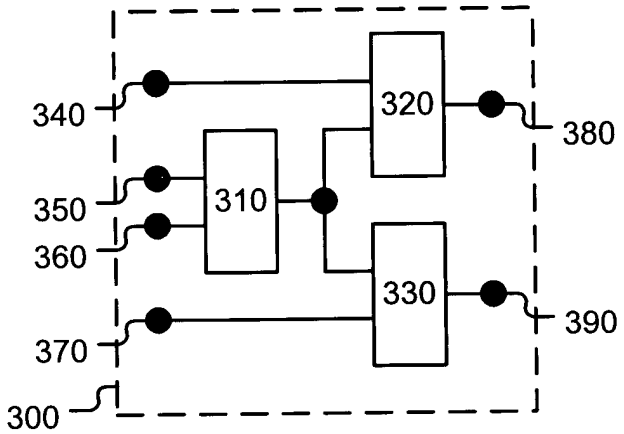


Figure 2



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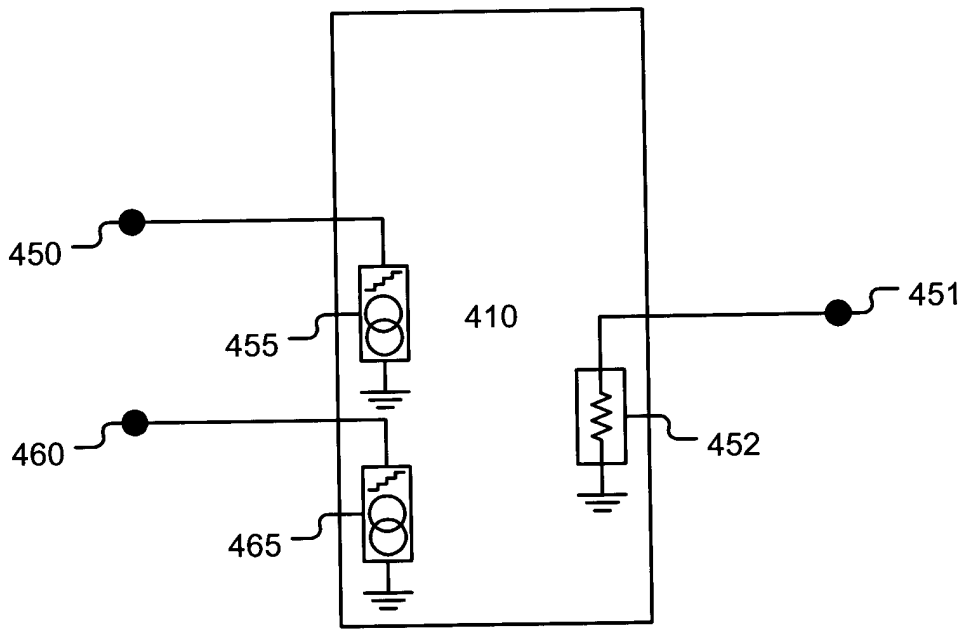


Figure 4

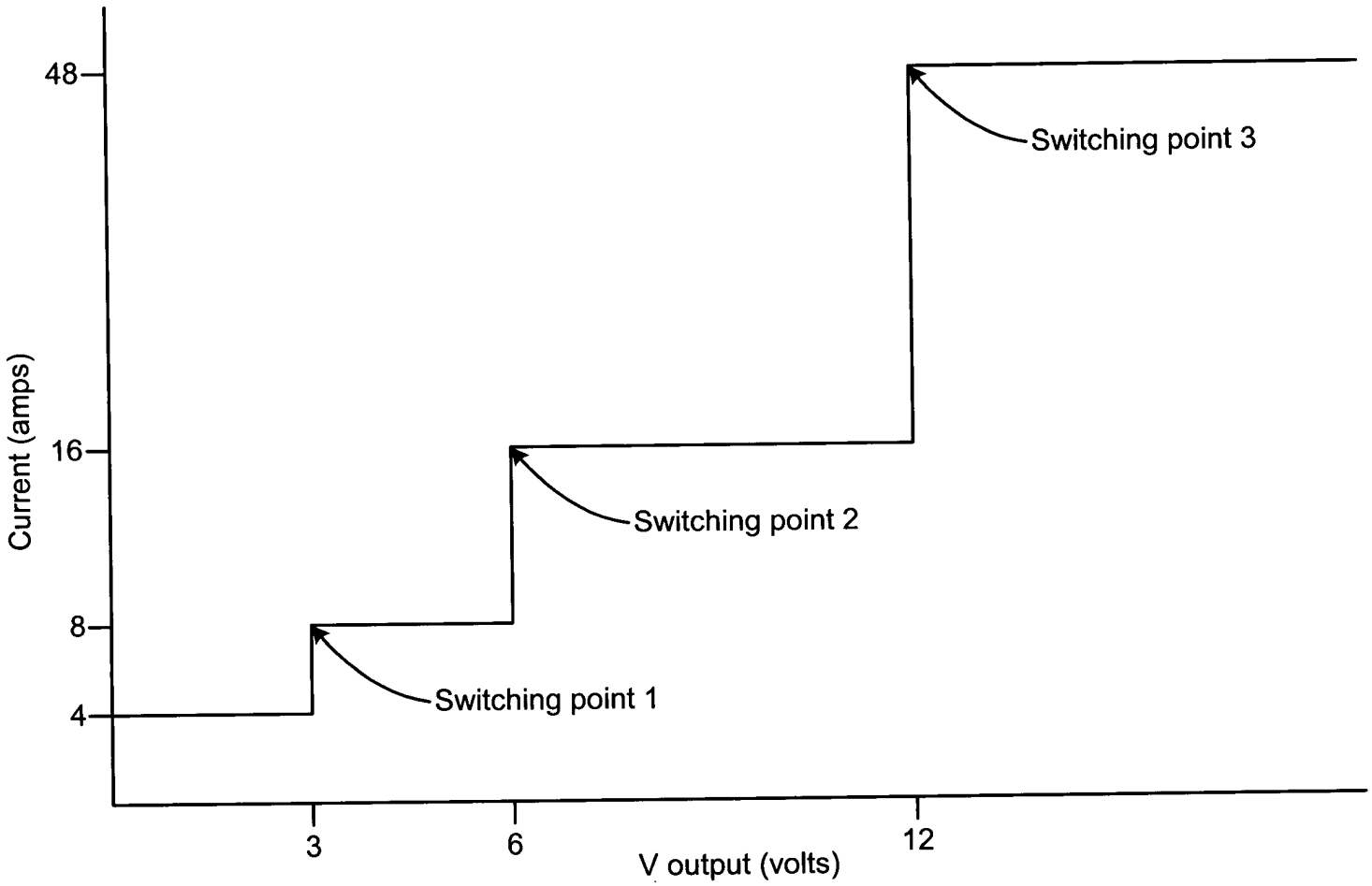

48
16
8
4
Current (amps)
Switching point 3
Switching point 2
Switching point 1
3
6
12
V output (volts)

Figure 5

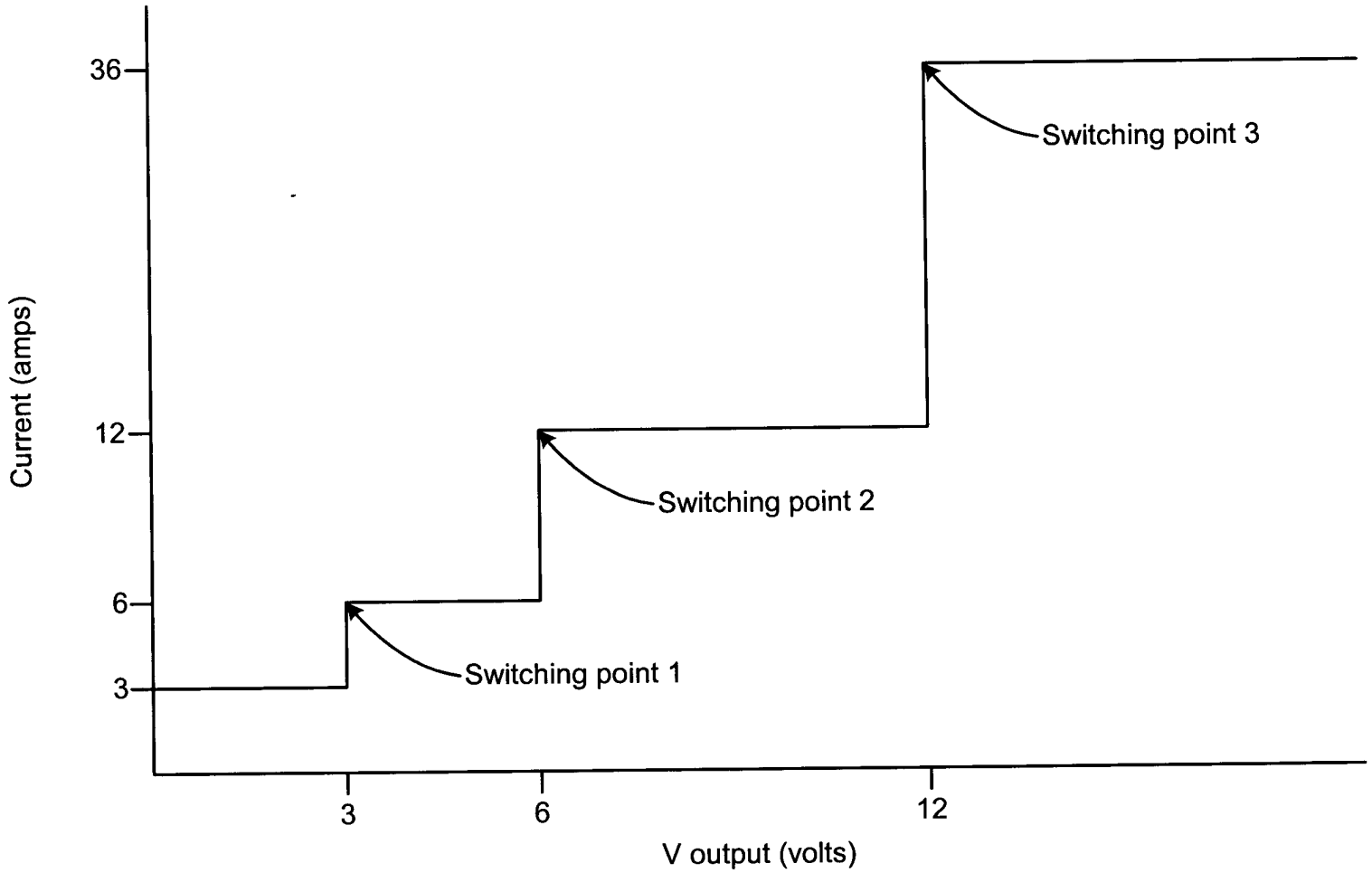

36
12
6
3
Current (amps)
Switching point 3
Switching point 2
Switching point 1
3
6
12
V output (volts)

Figure 6

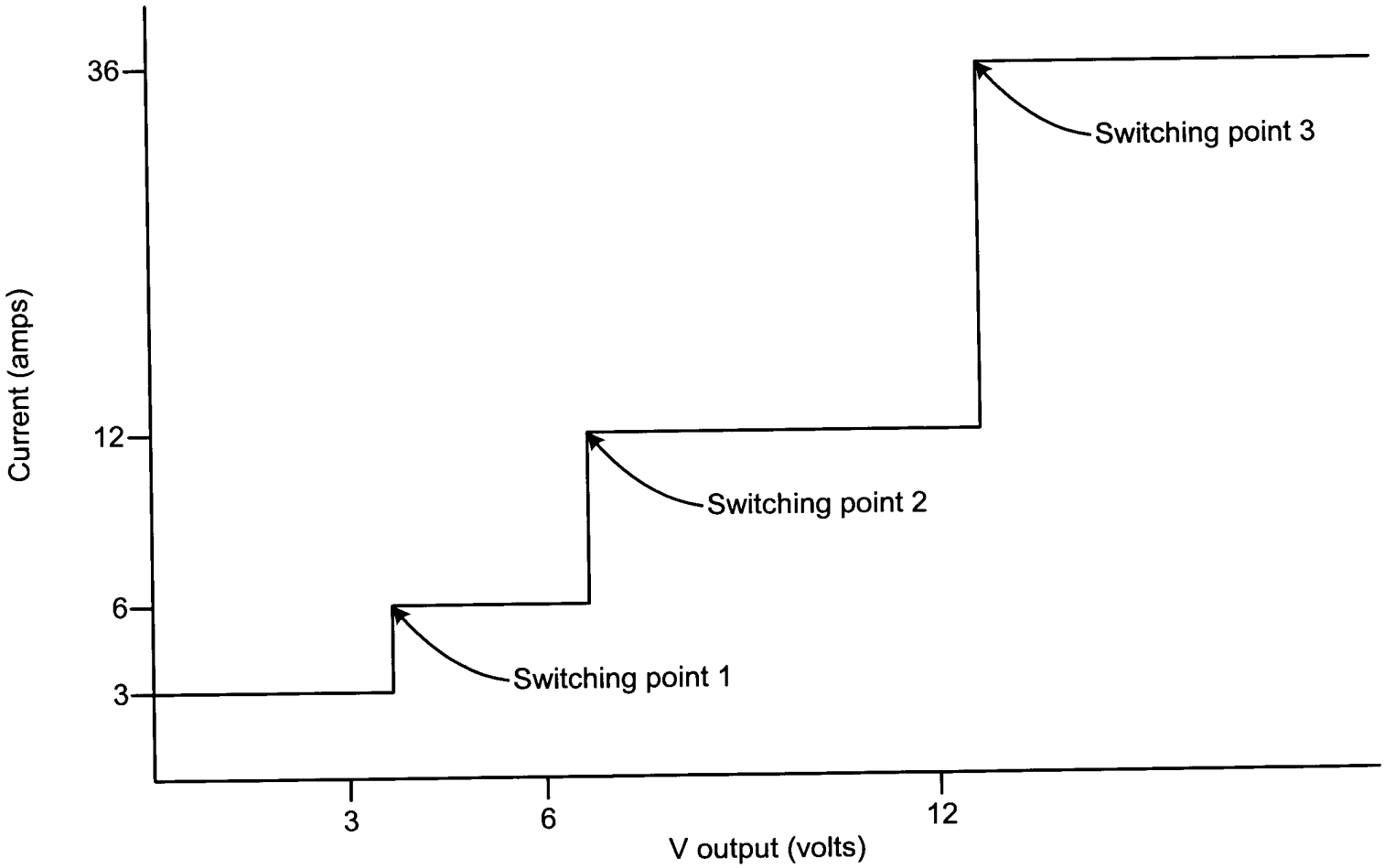

36
12
6
3
Current (amps)
Switching point 3
Switching point 2
Switching point 1
3
6
12
V output (volts)

Figure 7

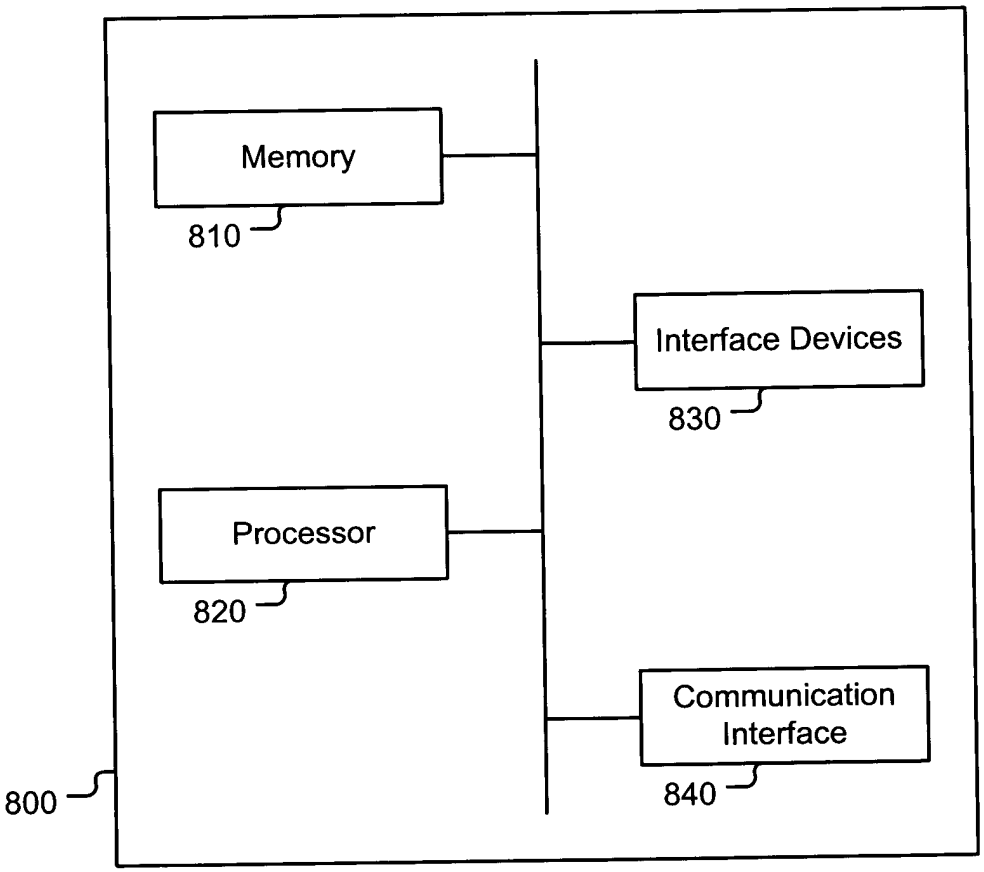

Memory
810
Interface Devices
830
Processor
820
Communication Interface
840
800

Figure 8

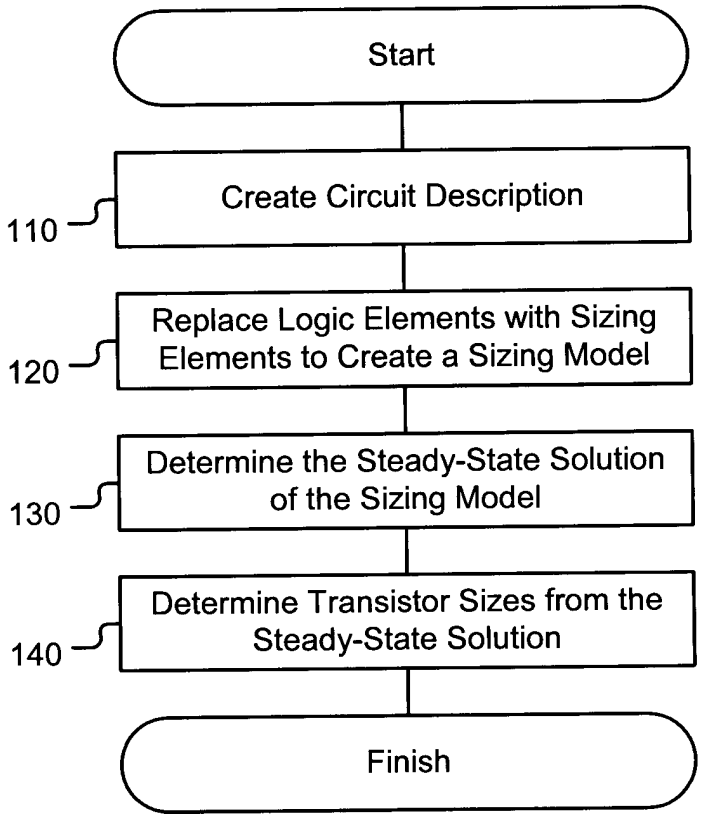

Start
Create Circuit Description
110
Replace Logic Elements with Sizing Elements to Create a Sizing Model
120
Determine the Steady-State Solution of the Sizing Model
130
Determine Transistor Sizes from the Steady-State Solution
140
Finish

Figure 1

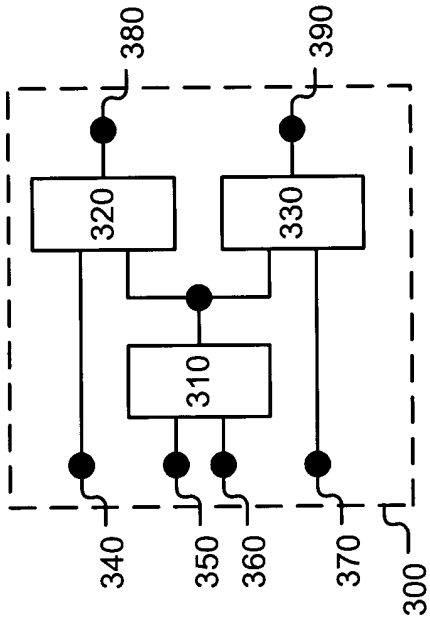
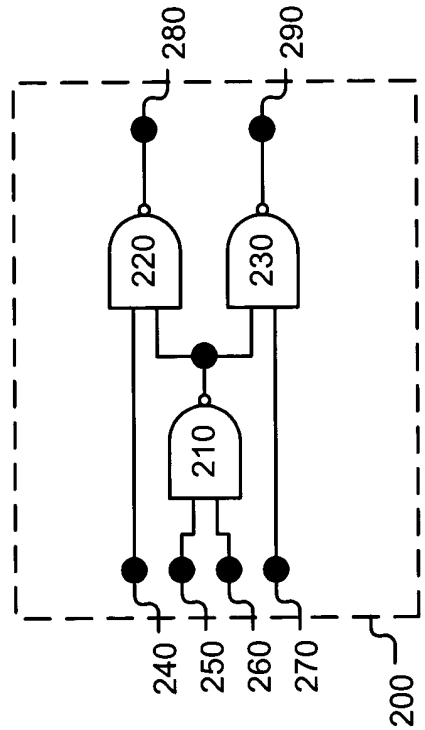


Figure 3



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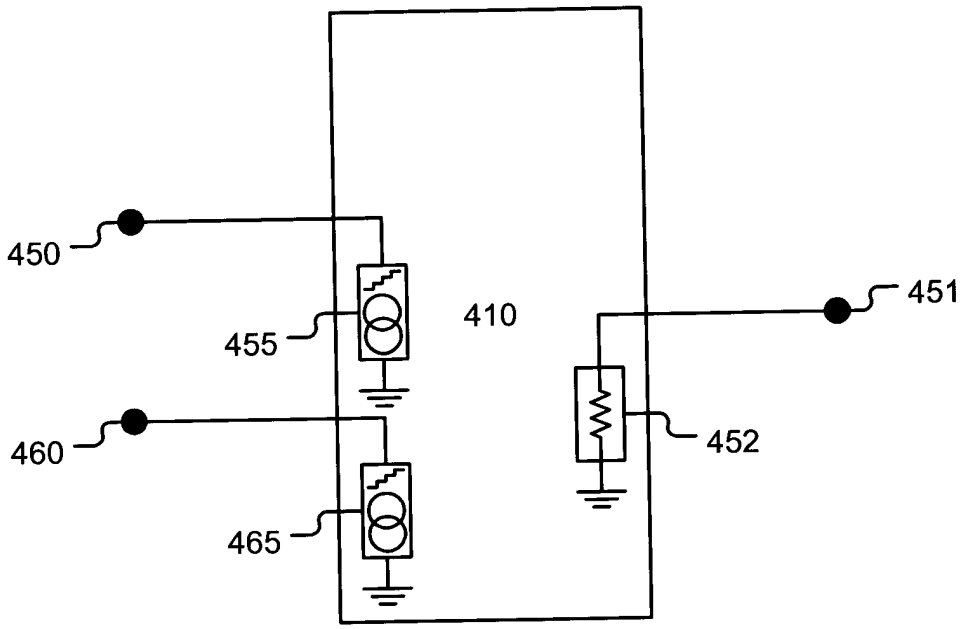


Figure 4

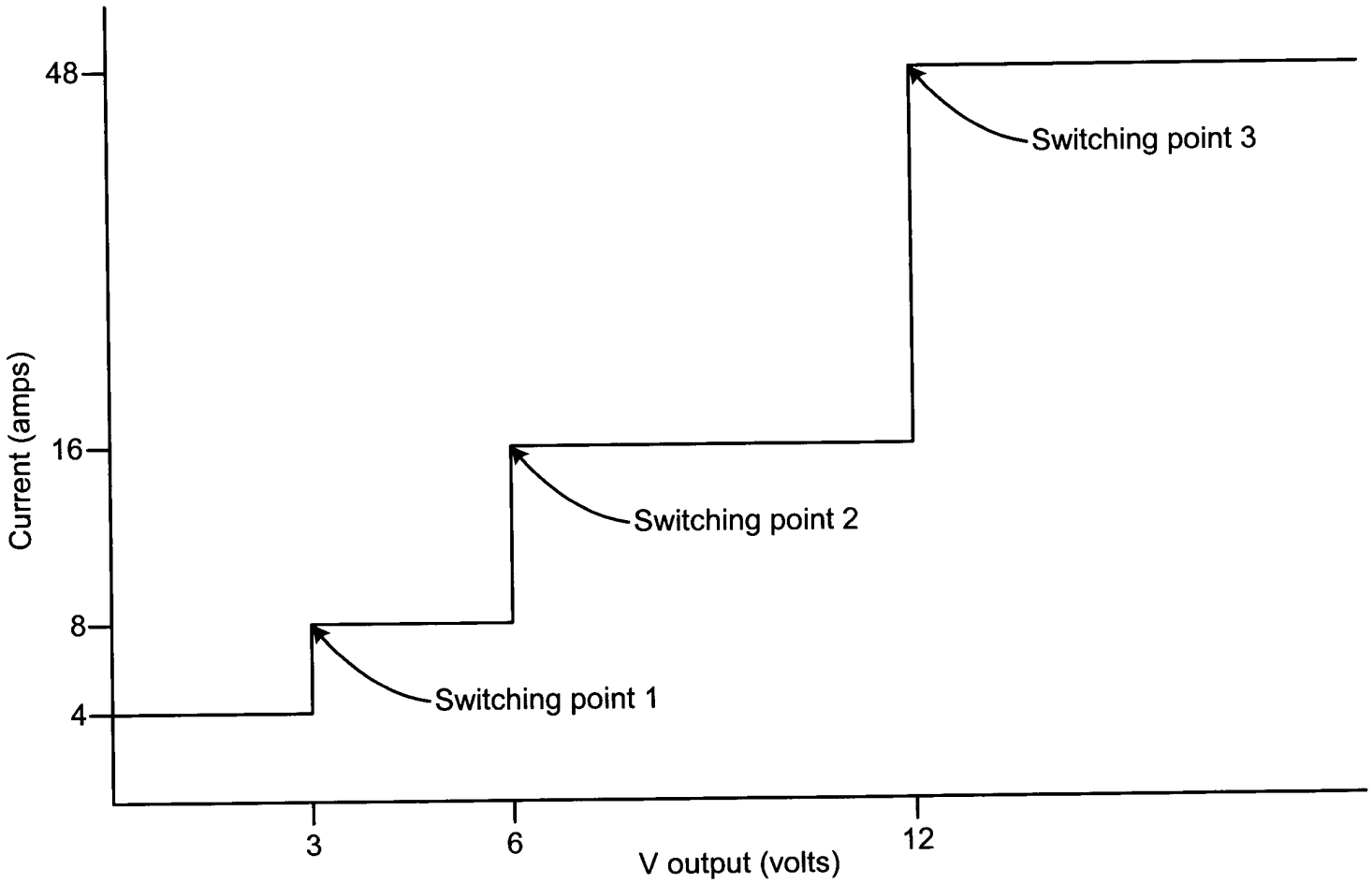
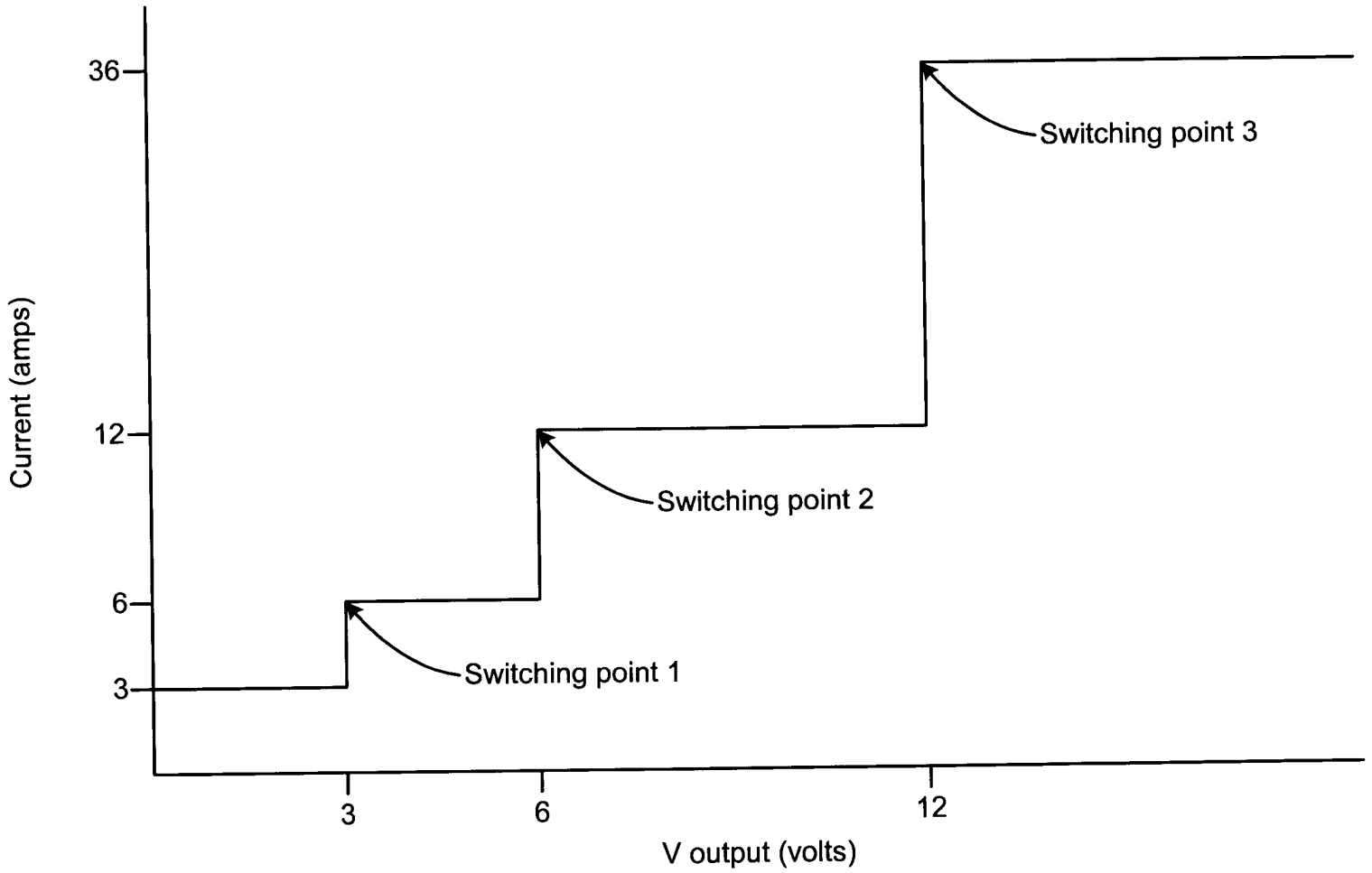

48
16
8
4
Current (amps)
Switching point 3
Switching point 2
Switching point 1
3
6
12
V output (volts)

Figure 5


36
12
6
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Current (amps)
Switching point 3
Switching point 2
Switching point 1
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6
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V output (volts)

Figure 6

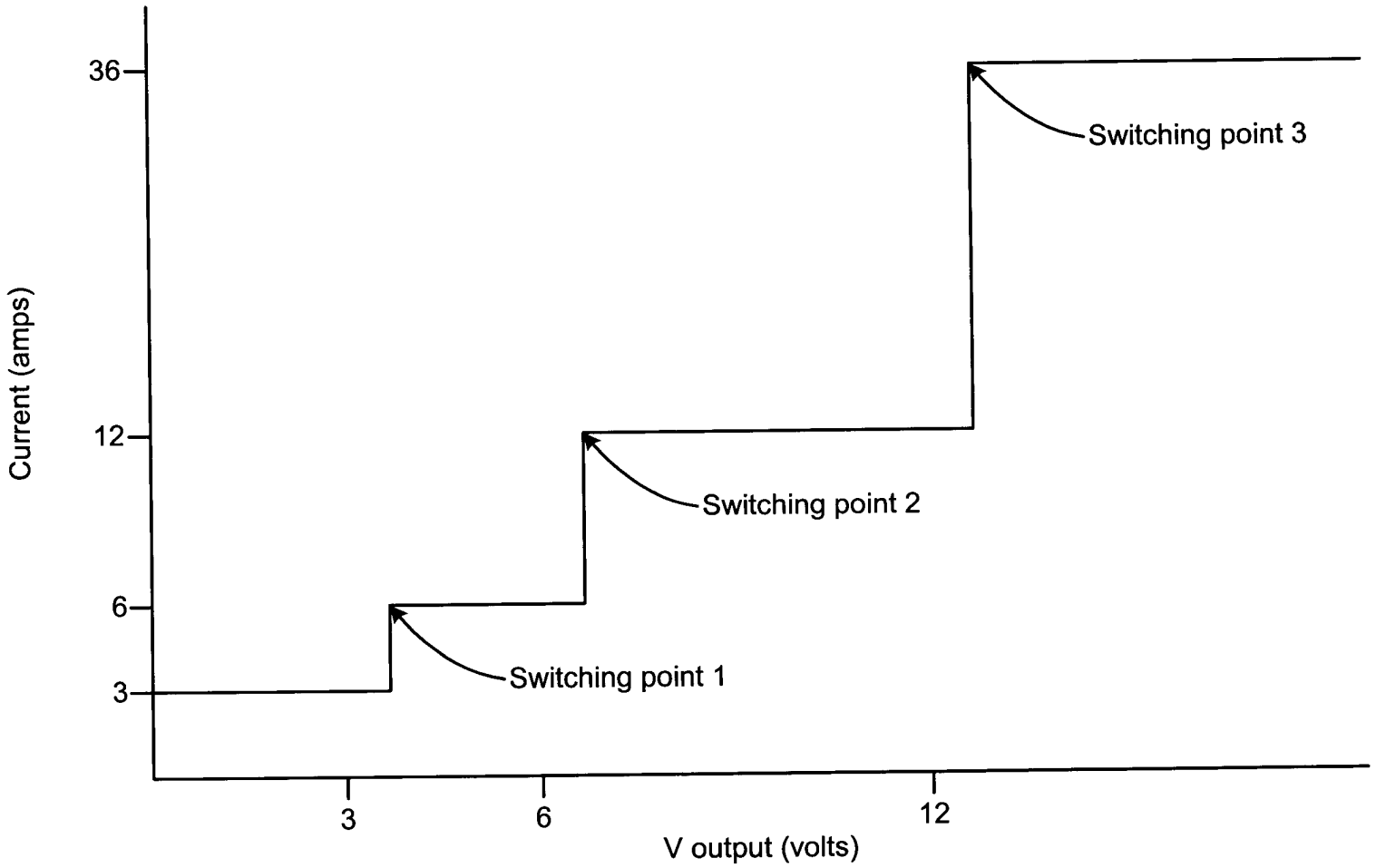
36
12
6
3
Current (amps)
Switching point 3
Switching point 2
Switching point 1
3
6
12
V output (volts)

Figure 7

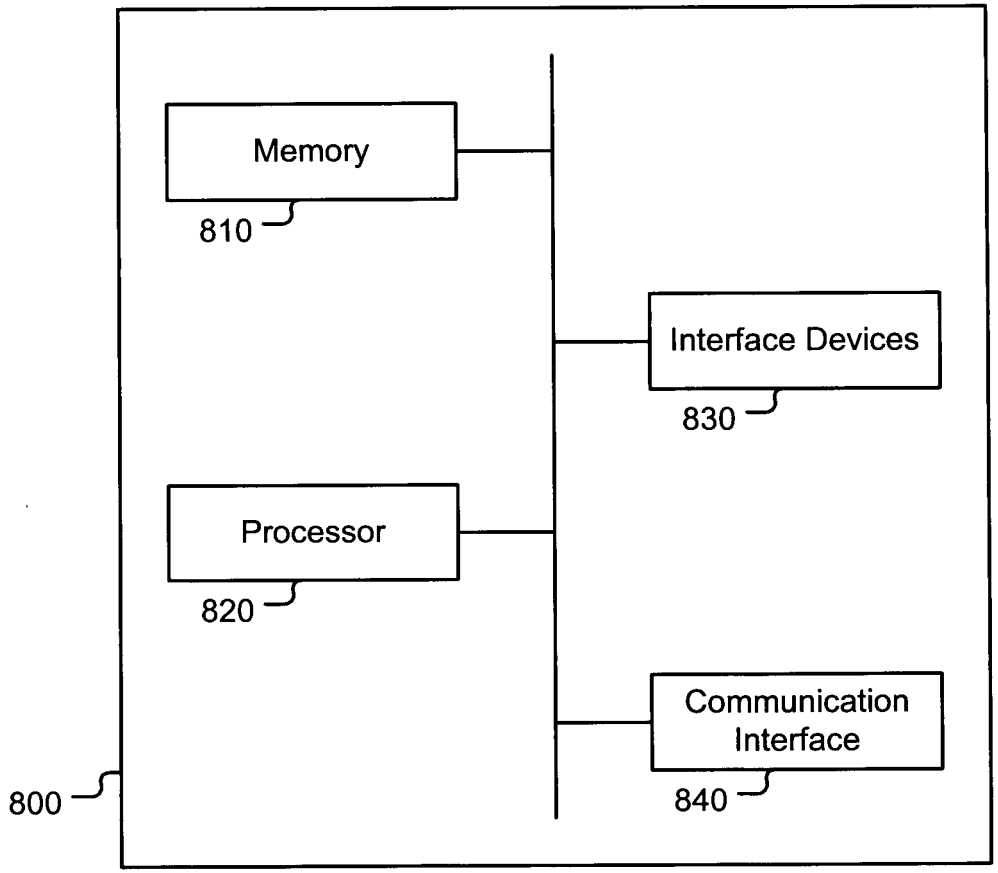
Memory
810
Interface Devices
830
Processor
820
Communication Interface
840
800

Figure 8

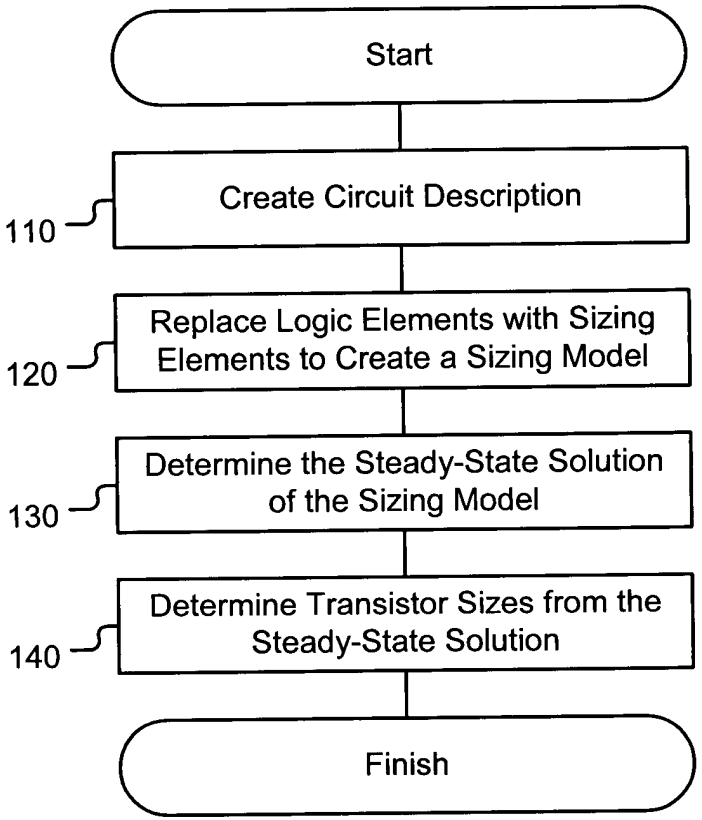
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Figure 1

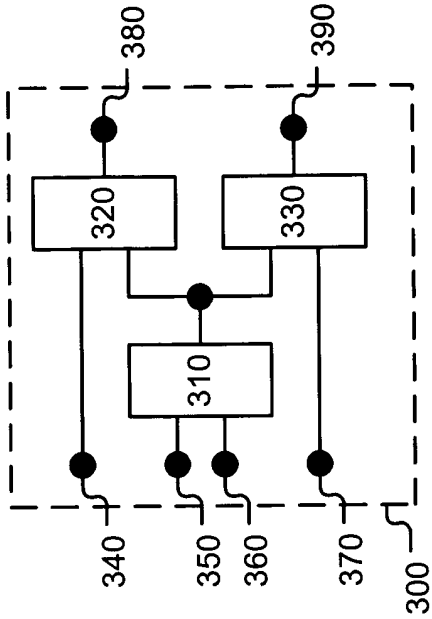
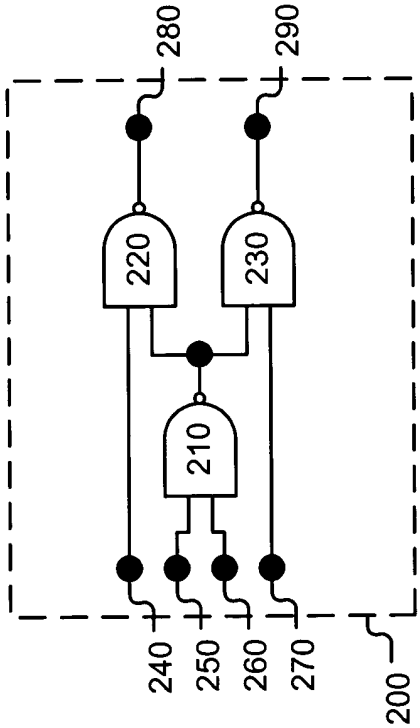


Figure 3



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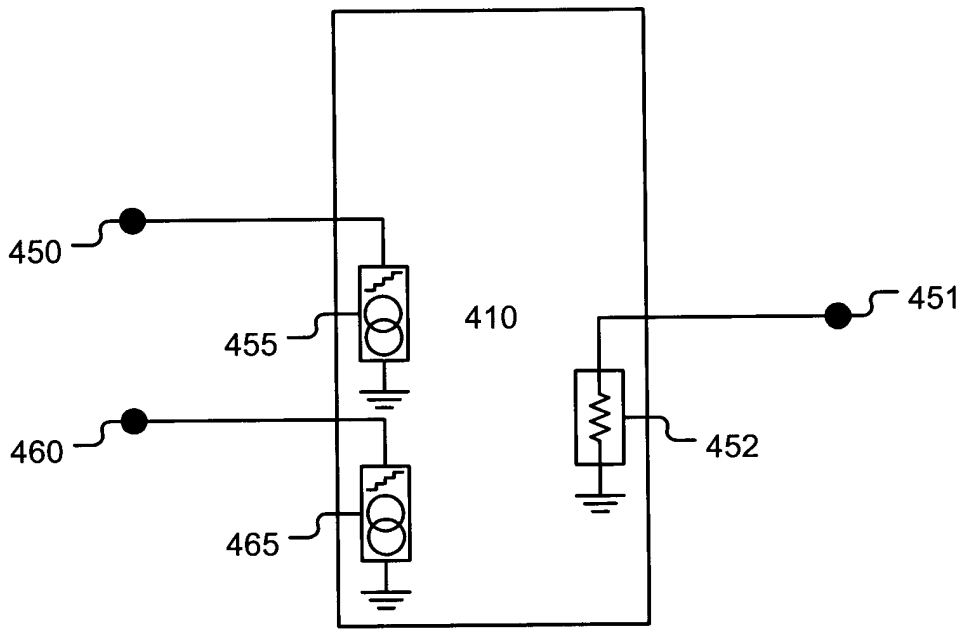
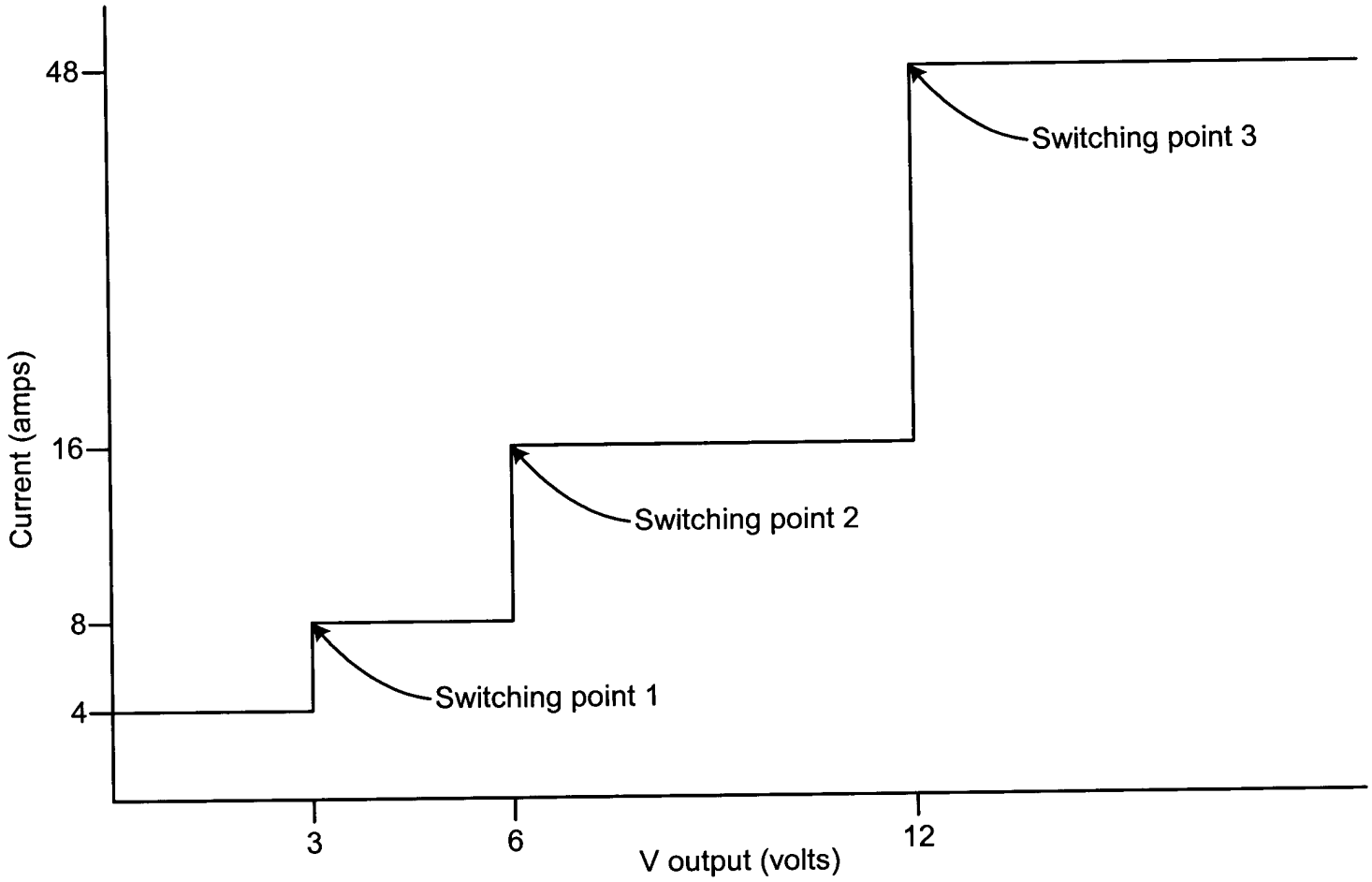


Figure 4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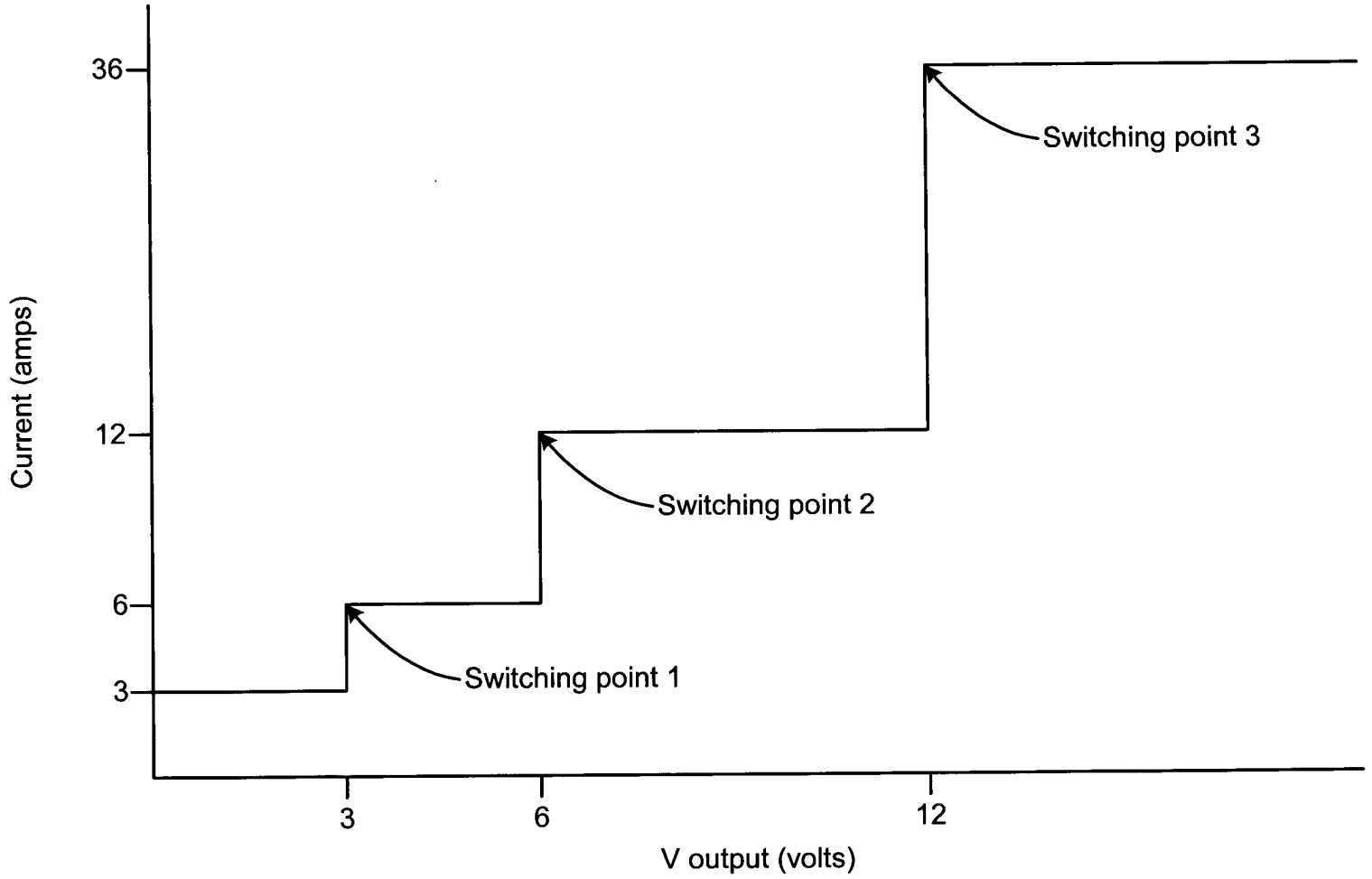
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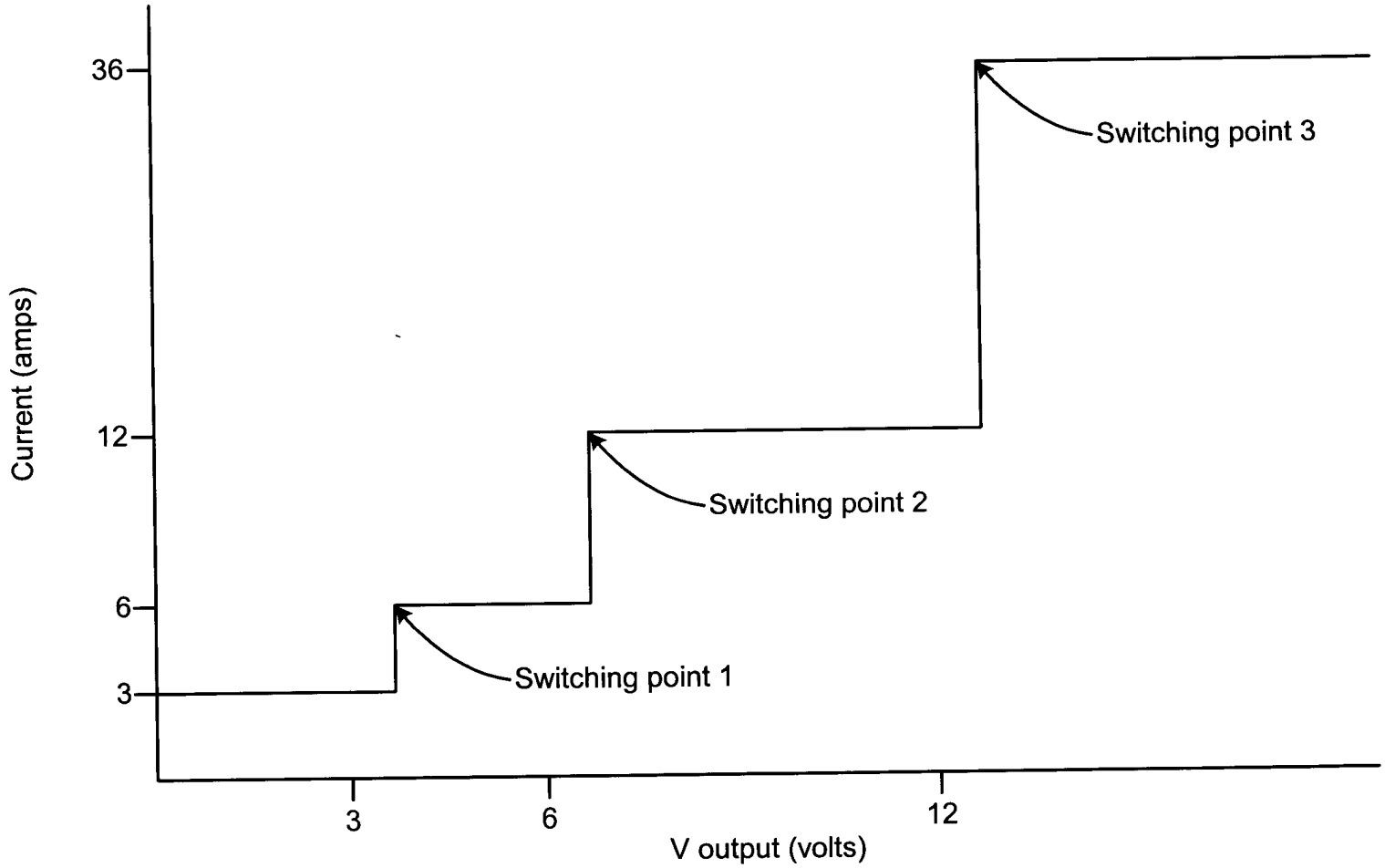
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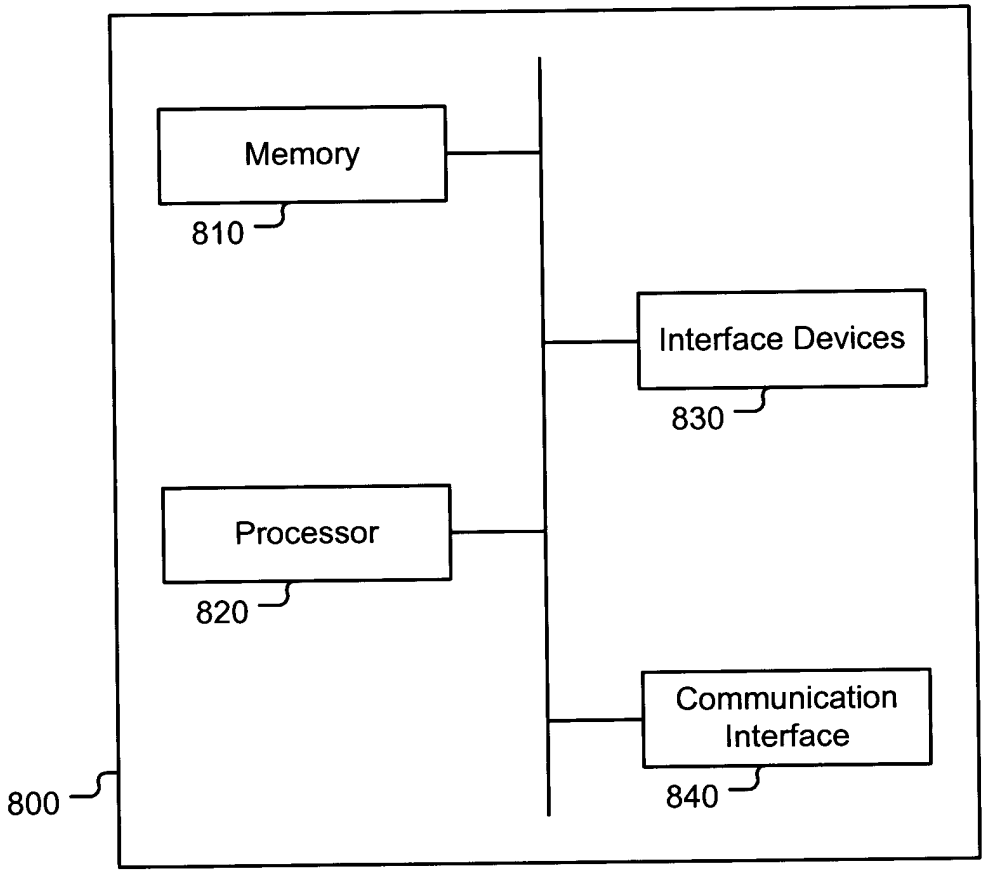
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Figure 8